

### IN THE CLAIMS

Claims 1-13 (cancelled)

Claim 14 (new): Infusion device for subcutaneous administering a medication or a therapeutic fluid to a patient, comprising

a base element, comprising

fluid receiving means for receiving said fluid,

fluid communication means for transferring said fluid into a cannula, and

at least one recess for accommodating a septum pierceable by a needle; and

a septum housing accommodating said septum, at least part of said septum housing substantially also accommodated within said recess;

wherein said septum is secured to said base element by said septum housing in such a way that a fluid transfer volume is formed in said at least one recess between an internal surface of said septum and an inner section of said recess in said base element, said fluid transfer volume communicating with said fluid communication means, wherein said septum, due to the selected resilient material and selected dimensions of said septum and said septum housing, is substantially mainly radially compressed in said septum housing in order to provide a fluid-tight seal between said septum and said septum housing, and for assisting in the fixing and fluid-sealing of said septum housing to said base element.

Claim 15 (new): Infusion device according to claim 14, wherein said fluid transfer volume is accommodating cannula securing means.

Claim 16 (new): Infusion device according to claim 14, wherein said septum housing is a tubular element accommodating said septum, at least one end of which tubular element forming a substantially partial enclosure over one surface of said septum.

Claim 17 (new): Infusion device according to claim 14, wherein said septum housing includes an integrally formed cannula bushing.

Claim 18 (new): Infusion device according to claim 14, wherein one of the surfaces of said septum is substantially exposed.

Claim 19 (new): Infusion device according to claim 14, wherein said septum housing is fixed to said base element by welding.

Claim 20 (new): Infusion device according to claim 19, wherein said septum housing is fixed to said base element by ultrasonic welding.

Claim 21 (new): Infusion device according to claim 14, wherein said septum housing is fixed to said base element by a snap-lock.

Claim 22 (new): Infusion device according to claim 14, wherein said septum housing is fluid-sealed by ultrasonic welding to said base element.

Claim 23 (new): Infusion device according to claim 14, wherein said septum housing is fluid-sealed by a gasket arranged between said septum housing and said inner section of said recess.

Claim 24 (new): Infusion device according to claim 14, wherein said septum is fixed inside said septum housing by friction.

Claim 25 (new): Infusion device according to claim 14, wherein said septum is fixed inside said septum housing by welding.

Claim 26 (new): Infusion device according to claim 25, wherein said septum is fixed inside said septum housing by ultrasonic welding.